



## Precision Drawing and Drafting Tools for Graphic Design, Drafting and Illustration

Version 1.1

now has

**PictScript\***

### OVERVIEW

Dreams®, by the makers of MacDraft® (a two time World Class award winner from *MACWORLD* magazine), integrates a powerful set of two dimensional design and drafting tools with an elegant, human interface. Offering a high level of design functionality, in an easy-to-learn approach, Dreams capitalizes on providing an enormous array of graphic tools in a more accessible and usable way.

Most tools are active at all times so you can freely access them while drawing. This free-flowing environment maximizes creativity and productivity and minimizes complexity when using a computer.

The transition from the drawing board to the computer has never been easier. All measurements, dimensions, area calculations and coordinates are presented in real-world units to the scale of the drawing.

With a full range of graphic features, Dreams enables even the casual user to create conceptual and preliminary designs, illustrations, as well as precise working drawings.

### APPLICATIONS

Dreams offers powerful tools for everyone with design in mind, meeting needs in a wide variety of fields, including:

- ▲ Architectural design & drafting
- ▲ Engineering
- ▲ Business graphics
- ▲ Graphic design
- ▲ Education
- ▲ Facilities management
- ▲ Technical & scientific illustration
- ▲ Interior design
- ▲ Desktop publishing & presentations
- ▲ General drawing and drafting

### KEY HIGHLIGHTS AND BENEFITS

- ▲ Free-flowing, human interface: Dreams provides an environment that works the way you do. It allows you to spend more time creating because the interface doesn't get in your way. And the learning curve to use Dreams is exceptionally short.
- ▲ Sophisticated geometrical drawing tools and fully-featured accessories permit you to create accurate drawings, illustrations and designs. Save commonly used elements in on-line libraries.
- ▲ Rich color and color pattern editing for infinite varieties of personal expression and style.
- ▲ True associative dimensioning saves time and effort by automatically updating your annotations as you resize or move objects.
- ▲ Customize your environment, tools, colors, patterns, text, line styles and more through numerous user-configurable choices. Save your configurations in reusable stationery or default settings.
- ▲ \***PictScript** allows you to transfer precision graphics to a third-party application, such as a word processor or page layout program, manipulate the graphic image on screen (reposition, resize, or crop) and maintain the Postscript quality printing.

PictScript supports over 16 million colors, laser gray shades, color bitmap images, quality Bezier curves and custom line styles. PictScript is a must for technical illustrations, business graphics and desktop publishing.

- ▲ Full PostScript® output means your drawings can be output to the resolution of all compatible printing devices.

*(Please turn the page over to learn about Dreams' features.)*

## DREAMS — FEATURES

### Geometrical Drawing Tools

- ▲ Constrained or unconstrained lines
- ▲ Parallel line tool with merging of intersections
- ▲ Rectangles: square or rounded corners
- ▲ Arcs: by radius, 3 points or elliptical
- ▲ Cornered rectangles: proportional, constant, or elliptical
- ▲ Circles: by radius, diameter, or 3 points
- ▲ Freehand sketching: open or auto close
- ▲ Ellipses: by diagonal or center
- ▲ Polygons: open or auto close
- ▲ Curves: Bezier or spline
- ▲ Drawing size: maximum 8' x 9'
- ▲ Hairlines
- ▲ 15 customizable line styles & 8 line weights
- ▲ Distribute objects along a line by centers or user-defined reference point

### Accessory Palette

- ▲ Zoom Tool: zoom in up to 3200% to add fine detail or zoom out to work on large drawing area
- ▲ Rotation: rotate text & objects by degrees, minutes and seconds, or decimal degrees
- ▲ Extend Tool: extend lines to their intersection or to an existing or reference line
- ▲ Add Handle Tool: add or delete handles from all straight-edged objects and curves
- ▲ Glue & Unglue Tools: glue edges together; unglue objects into component edges
- ▲ Add & Subtract Tools: add or subtract objects to or from each other
- ▲ Trim Tool: detect and cut the intersection of two lines (auto or manual removal)
- ▲ Fillet Tool: two-line fillet, with auto or manual, removal of pieces; keyboard entry for radius

### Dimension Palette

- ▲ Displayed only when needed
- ▲ True associative dimensioning — horizontal, vertical and slope
- ▲ Simple point-to-point dimensioning
- ▲ Dimension single objects or between several objects
- ▲ Automatic updating
- ▲ Select text positioning, font & size of values
- ▲ Variety of dimension end marks, end mark positions, with or without witness lines

### Additional Editing Features

- ▲ Optional keyboard editing for precise resizing or moving
- ▲ Snap-to function: snap vertices to one another, even between active and inactive layers
- ▲ Advanced text handling: color, size and style for individual characters in text blocks
- ▲ Display absolute coordinate position on drawing, user-definable zero origin

### Other Important Features

- ▲ On-line symbol libraries
- ▲ Layers: limited only by memory
- ▲ Assign a different scale to each layer in a drawing
- ▲ Multiple documents on screen
- ▲ Rulers: scaled or standard displayed
- ▲ Automatic area calculation
- ▲ Save multiple views per drawing
- ▲ Save program defaults
- ▲ Full Macintosh® II color support, 256 colors (over 16 million with third party board), 10 gray scales: color fills, lines, & text; add, delete, or edit colors, save thousands of colors per document
- ▲ Multiple end marks on lines and curves
- ▲ IDD Symbol Libraries available as add-on modules

### Standards

- ▲ Save documents as Dreams format, PICT 2 or reusable stationery
- ▲ Supports black and white and color bitmaps
- ▲ MacDraft to Dreams file transfer utility included

### Customer Support

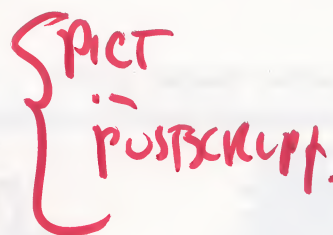
- ▲ On-line help files
- ▲ Detailed, clearly written manual
- ▲ Quick reference guide
- ▲ Separate tutorials
- ▲ Free technical support for registered users

### System Requirements

- ▲ CPU: Macintosh Plus, SE, II, SE/30, IIfx with System 6.0.2 or later
- ▲ Required: Minimum 1 Mb RAM; hard disk drive
- ▲ Recommended: 2 Mb RAM with color, large or very complex drawings
- ▲ Output: ImageWriter®, PostScript® compatible printers Options: Leading plotters (using the IDD Plotter Driver™)



# **ABOUT PICTSCRIPT™**



An exciting feature of IDD's MacDraft® 2.0 and Dreams® 1.1 software programs is PictScript. PictScript provides a major enhancement to current word processor or page layout programs.

Currently, when graphics are copied and pasted to another program, images are converted into the PICT® graphics format. Although PICT is very useful, it doesn't begin to compare with the printed quality of PostScript®.

IDD's solution to this problem is PictScript. PictScript combines the advantages of Apple's PICT format with PostScript. It allows transfer of images between applications and the ability to view and manipulate them on screen, *while maintaining their full resolution for printing*. PictScript provides the same quality printing as the Encapsulated PostScript Format, EPSF, but has the added convenience of fullscreen interactivity -- positioning, re-sizing and cropping of elements.

PictScript also supports over 16 million colors, laser gray shades, color bitmap images, quality Bezier curves and custom line styles. Printed output looks *far* better than what is visible on screen! A PictScript file can be Copy and Pasted or inserted as a graphic anywhere in a word processing or page layout document.

PictScript allows Copy and Paste of *color* graphic images from MacDraft 2.0 or Dreams 1.1 into word processing or page layout documents. Whether or not the program supports color, PictScript prints color graphic images at the full resolution of the color PostScript printer.

To dramatize our point, we created this information sheet using Microsoft® Word 4.0 and MacDraft 2.0's PictScript. Please turn the page to see firsthand how PictScript can enhance word processing documents.

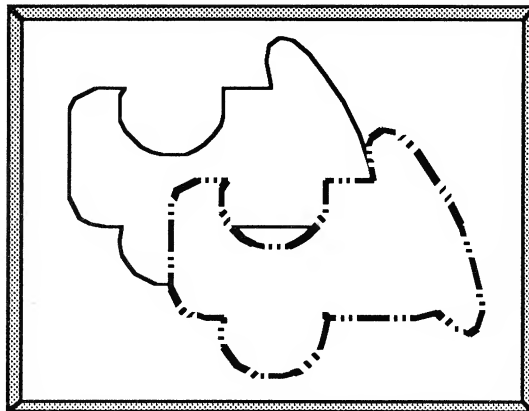
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**IDD**  
Innovative Data Design, Inc.  
2280A Bates Avenue  
Concord, CA 94520  
415.680.6818

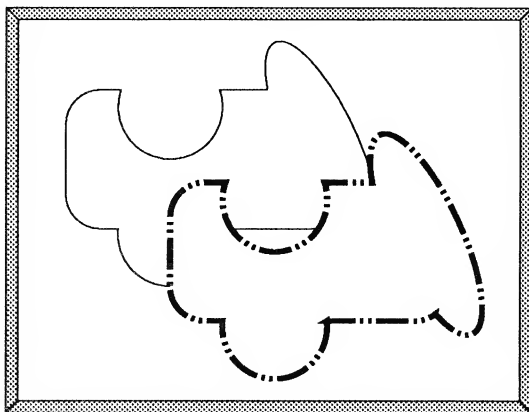
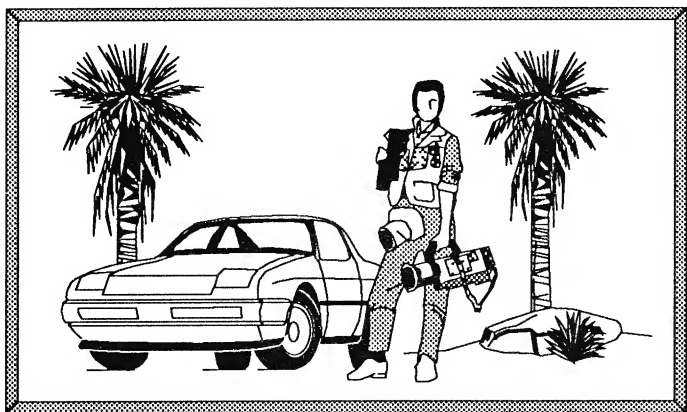
## About PictScript

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*First, graphic images placed using standard Copy and Paste...*



*Now... the same graphic images using PictScript...*



*(Graphic elements in images on left taken from IDD Symbol Library™.)*

This same line quality and detail can be achieved using PictScript with *many* word processors. Best of all, PictScript provides hairline resolution of lines, even if the application being used doesn't support them. (To date, the PictScript feature has been tested with Microsoft Word, MacWrite® II, Pagemaker®, Ready,Set,Go!®, Quark XPress™ and Microsoft Works 2.0.)

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